University of Washington

urban horticulture

://depts.washington.edu/urbhort

Winter 2001

director's notes

Dripping raingear resulting from my bike ride from home to Merrill Hall is an excellent reminder that fall is really here. A number of exciting things are occurring during this season of change. A very large group of new graduate students arrived in late September and are already immersed in courses and project planning. An excellent indicator of the vigor of this group is the weekly journal club meeting where twenty-five graduate students, four faculty, and one staff member meet to discuss recently published articles. Topics have ranged from the role of greenbelts in creating habitat to the effect of wind on tree root form and distribution. Both the practical and basic aspects of such topics are vigorously discussed.

Program development and recruitment by Linda Chalker-Scott and support by faculty in Environmental Horticulture and Urban Forestry (EHUF) have resulted in substantial increases in undergraduate enrolments in the EHUF program. Kern Ewing, Jim Fiore and Fred Hoyt have made major gains over the last six months in the restoration of the Union Bay Natural Area. Tom Smarr's tenure as Interim Director of Outreach ended on September 1. Tom's contributions to the Center's web page, and maintenance of the Center's outreach effort were noted by all. Tom is currently completing his Master's. Chrissy Scannell is filling the Interim Director of Outreach position while a new search, under the direction of Val Easton, is underway. Val's role as a "garden guru" was recognized in the October 19, 2000 issue of University Week. Val had appeared in a recent segment of PBS's "Victory Garden". The Miller Library is now on line http://catalog.lib.washington.edu/search - then click on link to CUH library. This new link and the expansion of the Center's web page mean that you can visit "us" from the comfort of your home.

Tom Hinckley, Director, Center for Urban Horticulture

special events

2001 NORTHWEST FLOWER & GARDEN SHOW

13th Annual Preview Party for the Northwest Flower & Garden Show

Enjoy dozens of beautiful display gardens before the show opens to the public. Delicious hors d'oeuvres and beverages, entertainment and a silent auction are part of the evening. The fee for this very special event is $90 for Arboretum Foundation members and $125 for non-members. Fees benefit the Arboretum Foundation's support of the Washington Park Arboretum. The Preview party is Tuesday, February 6, at 6 p.m. at the Washington State Convention & Trade Center. Call (206) 726-1954 for ticket information.

Healing Gardens Designed by University of Washington Students

While at the Northwest Flower and Garden Show, visit the very special garden designed and created by the Students of Landscape Architecture under the direction of Professor Daniel Winterbottom. Gardens play a major role in the healing process, for both the body and spirit. Landscape Architecture students are working with the University of Washington Medical Center to design a garden that offers patients, staff, and visitors a respite from the clinical environment. The intention is to compose a garden of quiet and solitude by providing a link to the earth and sky, sun, moon, and water. This garden, which will be moved to a permanent location at the University Medical Center reflects the diverse population housed there by abstracting many cultural symbols.

calendar of events

january

s	m	t	w	th	f	s
21 2:00pm, CUH Cascade Cactus & Succulent Society **Every Sunday:** 1pm, WPA Guided Tour	**1** 7pm, CUH Ornithological Society **8** 7pm, CUH Orchid Society 7:30pm, CUH Iris Society	**9** 7:30pm, CUH Puget Sound Mycological Society **16** 7:30pm, CUH Rose Society **23** 6:30pm, CUH Association for Women in Horticulture	**10** 7pm, CUH* NHS Lecture	**11** 7:30pm, CUH Rock Garden Society **18** 7pm, CUH Audubon Society		**20** 9am, WPA* Arboretum Plant Study **Every Saturday:** 1pm, WPA Guided Tour

february

s	m	t	w	th	f	s
18 2:30pm, CUH Cascade Cactus & Succulent Society **Every Sunday:** 1pm, WPA Guided Tour	**5** 7pm, CUH Ornithological Society 7:30pm, CUH Iris Society **12** 7:30pm, CUH Puget Sound Mycological Society **26** 7:30pm, CUH Puget Sound Bosai Association	**6** 7pm, CUH* Botanical Illustration 1st class **13** 7pm, CUH* Botanical Illustration 2nd class **20** 7pm, CUH* Botanical Illustration 3rd class 7:30pm, CUH Rose Society **27** 6:30pm, CUH Association for Women in Horticulture 7pm, CUH* Botanical Illustration 4th class	**14** 7pm, CUH* NHS Lecture	**8** 7:30pm, CUH Rock Garden Society **15** 7pm, CUH Audubon Society 7:30pm, CUH* WSU Practical Gardening Lecture: Edible Landscape **22** 7pm, CUH* Prop Shop: Propagating Vegetables from Seed		**3** 8am, CUH* Birding in the Union Bay Natural Area **17** 9:30am, WPA* Arboretum Plant Study **24** 8:30am, CUH* Fruit Tree Pruning **Every Saturday:** 1pm, WPA Guided Tour

march

s	m	t	w	th	f	s
18 2:30pm, CUH Cascade Cactus & Succulent Society **Every Sunday:** 1pm, WPA Guided Tour	**5** 7pm, CUH Ornithological Society 7:30pm, CUH Iris Society **12** 7pm, CUH Orchid Society	**6** 7pm, CUH* Botanical Illustration 5th class 7pm, CUH Orchid Society **13** 7pm, CUH* Botanical Illustration 6th class **20** 7pm, CUH* Botanical Illustration 7th class 7:30pm, CUH Rose Society **27** 7pm, CUH* Botanical Illustration 8th class	**14** 7pm, CUH* NHS Lecture	**8** 7:30pm, CUH Rock Garden Society **15** 7pm, CUH Audubon Society 7:30pm, CUH* WSU Practical Gardening Lecture: Managing Soil Fertility **22** 7pm, CUH* Feng Shui for the Garden		**3** 1pm, CUH* Puning Basics for Shrubs and Trees **24** 9am, WPA* Arboretum Plant Study **31** 9am-2pm, CUH Fuchsia Society Plant Sale **Every Saturday:** 1pm, WPA Guided Tour

CUH = Center for Urban Horticulture WPA = Washington Park Arboretum * = Fee

university of washington center for urban horticulture

The CUH mission is "to apply horticulture to natural and human-altered landscapes to sustain natural resources and the human spirit".

Director
Tom Hinckley

Director, WPA
John Wott

- Continuing and Public Education
- Douglas Research Conservatory
- Elisabeth C. Miller Library
- Otis Douglas Hyde Herbarium
- Undergraduate and Graduate Education
- Union Bay Gardens
- Union Bay Natural Areas
- Washington Park Arboretum

Urban Horticulture Newsletter, Vol 18. No. 1

CUH/CFR Continuing & Public Education Staff

Chrissy Scannell, Interim Director of Outreach (Adult & Professional Programs), Newsletter Editor
Jean Robins, Program Coordinator
Monica Ravin, Education Coordinator Assistant (Youth & Community Outreach Programs)
Becky Stanley, Arboretum Education Assistant
Shawna Hartung, Arboretum Education Assistant

CUH Building & Rentals Management Staff

Becky Johnson, CUH Facilities Manager
Ray Larson, CUH Assistant Facilities Manager
Ann Aherne, Interim WPA Facilities Manager

University of Washington
College of Forest Resources

Center for Urban Horticulture
Box 354115
3501 NE 41st Street
Seattle, Washington 98195-4115
(206) 685-8033 phone
(206) 685-2692 fax
http://depts.washington.edu/urbhort/

Washington Park Arboretum
Box 358010
2300 Arboretum Drive East
Seattle, Washington 98195-8010
(206) 543-8800 phone
(206) 325-8893 fax
http://depts.washington.edu/wpa/

GARDENING & HORTICULTURE PROGRAMS

Botanical Illustration Series

Dates & Times: Ten part course; Tuesdays, February 6th, 13th, 20th, 27th, March 6th, 13th, 20th, 27th, April 3rd, 10th, from 7 to 9 p.m. each night.
Instructor: Louise Smith, Botanical Illustrator
Location: Isaacson Classroom, CUH
Fee: $160; pre-registration required

This introductory course in the classic art of botanical watercolor uses a step-by-step approach to learning the basics of accurate botanical drawing, watercolor wash, and dry brush techniques. Course includes homework. Students should bring drawing paper, pencil and eraser only to the first class. An additional materials list will be provided and students will be given the opportunity to purchase those items from the instructor (around $45) or independently (approximately $80-$100).

Birding at the Union Bay Natural Area

Date & Time: Saturday, February 3rd, 8 to 11 a.m.
Instructor & Guide: Brian Bell, Master Birder, Seattle Audubon Society
Location: Meet in the McVay Courtyard, CUH
Fee: $10; pre-registration required

The Union Bay Natural Area at CUH is rich in habitat; it is a great place to discover and observe an abundance of bird life. Join Seattle Audubon Society Master Birder Brian Bell for an introductory level bird walk and learn about our avian inhabitants and their natural histories. Please bring binoculars or a spotting scope.

Fruit Tree Pruning

Date & Time: Saturday, February 24th, 8:30 a.m. to 12:30 p.m.
Instructor: Chuck Holland, Horticultural Instructor & Orchardist
Location: Isaacson Classroom, CUH, and a local home orchard
Fee: $28 general public, $26 for Arboretum Foundation members; pre-registration required.

Healthy, productive fruit trees require precisely executed pruning and training, along with proper fertility and pest management. Study how, when and why to prune your home fruit trees in this introductory level lecture and demonstration course.

Feng Shui for the Garden

Date & Time: Thursday, March 22nd, 7 to 9 p.m.
Instructor: Victoria Coen, Certified Feng Shui Consultant
Location: Isaacson Classroom, CUH
Fee: $20 general public, $18 for Arboretum Foundation members; pre-registration required

Immerse yourself in the harmony and balance of nature using Feng Shui, the ancient Chinese art of placement. Learn how to transform your deck, patio or backyard with simple solutions using color, sound, water and layout design.

wsu practical gardening lectures

These entry level lectures and demonstrations for beginning gardeners are planned jointly with the WSU Cooperative Extension Master Gardener Program, and are presented by experienced WSU Master Gardeners and Cooperative Extension staff.

The Edible Landscape

Date & Time: Thursday, February 15th, 7:30 to 9 p.m.
Instructor: Sally Anne Sadler, Community Urban Food Gardener WSU Extension
Location: Isaacson Classroom, CUH
Fee: $5; Pre-registration required

Incorporate fruit trees, shrubs, berries, and vegetables into your garden for both yourself and the wildlife in your neighborhood. You can have a garden that sustains your body AND your soul.

Manage Your Soil for Maximum Fertility

Date & Time: Thursday, March 15th, 7:30 to 9 p.m.
Instructor: Sally Anne Sadler, Community Urban Food Gardener WSU Extension
Location: Isaacson Classroom, CUH
Fee: $5; Pre-registration required

Compost is an essential element for maximizing your soil fertility, but do you know how to make the kind that works best in your soil? Different kinds of soil have different types of organisms, each with their own nutritional needs. Close the garden system loop, and use compost, cover crops and the appropriate varieties of plants to get the most out of your soil.

prop shop

Programs in this series include a discussion of the featured technique, including when and with which plants it is best used, followed by a demonstration of skills, and hands-on practice by participants.

Vegetables From Seeds

Date & Time: Thursday, February 1st, from 7 to 9 p.m.
Instructor: Sarah Cassidy, Tilth Garden Specialist
Location: Isaacson Classroom, CUH
Fee: $18 general public, $16 for Arboretum Foundation members; pre-registration required

Complementing the Master Gardener classes this quarter is our winter propagation workshop. February is not too early to think about the early spring vegetables for your garden. Take advantage of this hands-on class to start vegetables that might be overlooked for the later, warmer season plants. Learn the basics of starting vegetables from seed, including the best soil mix, the right light and temperature conditions, and the timing for transplanting.

ARBORETUM EXPLORATIONS

Pruning Ornamental Shrubs and Trees

Date & Time: Saturday, March 3rd, 1 to 4:30 p.m.
Instructor: Bess Bronstein, Horticulture Instructor and Consultant
Location: Meet for lecture in Isaacson Classrom, CUH. Demonstration at WPA
Fee: $27 general public, $25 for Arboretum Foundation members; pre-registration required

Proper pruning and training can keep your small landscape shrubs and trees healthier and more attractive. Winter is an excellent time to prune ornamental shrubs and trees. Learn when, why and how to prune your favorite plant in this introductory level lecture and demonstration course.

Self-Guided Learning Opportunities

Use the Arboretum as your outdoor classroom. This 230-acre, centrally located urban forest offers a wealth of study material and experimental opportunities, and we will assist you in planning your visit by offering information on specific subject areas and plant collections free of charge. Groups of 10 or more must schedule their visit with the Education Office by phoning (206) 543-8801.

arboretum plant study

Come out to enjoy a walk through the Arboretum and learn about plants of seasonal interest (flowers, fruits, cones). Twenty different plants will be covered during each section, with discussion and handouts providing information on plant identification, selection, cultivation, and function in the landscape.

Winter, Section A:

Saturday, January 20, from 9 a.m. to 12 p.m.

Instructor: Robert Corletta, Graduate Student, Urban Horticulture, UW
Depart From: Graham Visitors Center, WPA
Fee: $22 general public, $20 Arboretum Foundation members; pre-registration required, class size limited

Winter, Section B:

Saturday, February 17, from 9:30 a.m. to 12:30 p.m. (note different starting time)

Instructor: Scott Conner, Consultant Horticulturist, Conner Enterprises
Depart From: Graham Visitors Center, WPA
Fee: $22 general public, $20 Arboretum Foundation members; pre-registration required, class size limited

Winter, Section C:

Saturday, March 24, from 9 a.m. to 12 p.m.

Instructor: Bess Bronstein, Horticulture Instructor and Consultant
Depart From: Graham Visitors Center, WPA
Fee: $22 general public, $20 Arboretum Foundation members; pre-registration required, class size limited

youth & family programs

For more information or to schedule any of the following programs, please contact the Arboretum Education Office, Monday-Friday, at (206) 543-8801.

Arboretum Explorer Packs & Family Packs

Explorer Packs are still a great way to take a self-guided tour of the Arboretum. Explorer packs are designed to be used by groups of 15 to 30 students. Many camps, youth groups and schools like to check out these packs for a great adventure. Each pack comes with activity directions, an Arboretum map, and suggested areas to explore.

Topics:

Tree-tective: Grades K-8
Learn amazing facts about trees as you explore the Arboretum's urban forest. Pack includes: field guides, leaf cards, tree cookies, leaf penetrometer experiment and more.

Marsh Madness: Grades K-8
Dive in and discover the ecology of an urban marsh. Pack includes: dip nets, aquaria, scavenger hunt cards, hand lenses, field guides, games and more.

Dates & Times: Two-hour rentals available between 10 a.m. and 4 p.m., 7 days a week, year-round

Fees: Explorer Packs are $15 per pack for groups of seven or more (Packs contain materials for 15 to 30 participants); pre-registration and two weeks advance notice required

Family Packs are $5 per Pack, FREE to Arboretum Foundation member families; Packs are available at the Graham Visitors Center Reception Desk, but pre-reservation is recommended

Saplings School Program Tours

Explore the Arboretum with trained guides! School tours are Monday-Friday 10:00-11:30 am. The cost is $2.50 per child (chaperones are free). Two adult chaperones per 15 children are required. Scholarships available. The fall season is busy so remember to book your tour three weeks in advance.

New Native Plants and People School Program

Saplings School Programs is pleased to announce a NEW Native Plants and People Program for students. Local ethnobotanist Heidi Bohan Bennett has developed this curriculum and provided handmade artifacts.

Grades K – 2: Discover Plants

Plants and people... more alike than you think! This program will introduce younger students to the wonderful world of plants. By exploring the Arboretum, children will learn what plants need to grow and be healthy.

Grades 3 – 6: The Life Cycle of A Plant: Fantastic Fall

As the seasons change, so do the plants around us. Explore seed production and dispersal, photosynthesis, and the reasons leaves change colors. (Meets 3rd grade requirements for the State's Essential Academic Learning Requirements.)

Grades 3 – 5: Native Plants & People

What is a native plant? Students will learn to identify several NW native plants. Discover the historical importance of native plants to the Coast Salish people. Students will learn how native plants were used in daily life through discussion, using hands-on artifacts and role playing activities.

Grades K – 8: Wetland Ecology Walk

Explore the complex world of a wetland ecosystem. Foster Island provides a unique opportunity for students to study an urban wetland up close and discover the importance of these natural systems.

arboretum foundation news & events

sed Book Sale

ıousands of titles, a reader's delight. Saturday, arch 3, 10 a.m.-5 p.m., Graham Visitors Center, ashington Park Arboretum. No admission ıarge.

arly Bloomers Sale

et an early start on spring gardening; annuals, erennials and many unusual items for special ditions to your garden or yard. Saturday, April 4, 10 a.m.-2 p.m. Plant Donations area, just outh of Graham Visitors Center. No admission ıarge.

LORAbundance Spring Plant Sale

remarkable selection of perennials, annuals, ırubs, trees, grasses and hard to find plants. ver 50 leading nurseries and vendors; experts to answer your questions. Saturday, April 28, 10 a.m.-5 p.m. and Sunday, April 29, 10 a.m.-3 p.m. Sand Point, Building 30. Plenty of free parking. No admission charge.

Volunteer Quarterly

Information and fun for Arboretum volunteers. Thursday, March 15, 10 a.m. to noon. Graham Visitors Center. Call Elaine Anderson at (206) 325-4510.

Interested in Volunteering?

Help is needed for special events, the Foundation office, education programs, and special projects around the Arboretum. Call Elaine Anderson at (206) 325-4510.

Greenhouse Work Parties

Learn propagation and help out at the Pat Calvert Greenhouse every Tuesday, 10 a.m. to noon. Call Lynn Schueler at (206) 243-6784.

For more information on Arboretum Foundation events, please call the events hotline at (206) 726-1954. Visit the Foundation website at www.orgsites.com/wa/arboretumfoundation/

volunteer news & opportunities

CUH Reception Desk Volunteers Urgently Needed: Interact with visitors, faculty, staff, and students, while helping out with phone calls and answering general questions. Your help will be greatly appreciated for weekday shifts of either a half or whole day. Call Ray Larson at (206) 616-9113 for more information.

Tuesdays In the Garden: Come and work with the Arboretum staff every Tuesday, 12:30 to 3:30 p.m. to help provide essential garden care. Tasks vary with the season. Enjoy and help tend to the wonderful Arboretum. Call Chris Pfeiffer at (206) 328-4182 for information and to sign up.

Community Service Groups: Community service groups are a vital source of support in caring for the plant collections and managing invasive weed problems, where many hands make light work. Arboretum staff lead and work with groups at a ratio of one staff person per 15 to 20 volunteers. Work parties can be scheduled throughout the year. Call Chris Pfeiffer at (206) 328-4182 for more information or to sign up.

WPA Information Desk Volunteers Urgently Needed: Greet visitors, share your enthusiasm, answer questions, and interact with staff and other volunteers in the stimulating environment at the Arboretum. Shift times are either half or whole day, once a week. Call Ann, the Building Manager, at (206) 543-8801.

Saplings School Programs: First of all a BIG THANK YOU to the dedicated Fall Saplings Guides: Anne Davis, Cassie Benz, Frank Lawley, Guiana Goble, Kathleen Doyle, Katie West, Kris Konningen-Fenrich, Krissy Paynter, Lesley Canfield, Linda Igoe, Martha Mercer, Mary Lou Smith, Nell Weimers, Rich Scheyer, Richard Johnson, Rose Fitzpatrick, Susan Anstine & Siobhan Fitzgerald!!! Thank you for coming rain or shine to help spread your love of nature through the Saplings School Programs.

Youth Tour Leaders Sought: Interested in being a Sapling's guide for credit? Call the Education Department for more information at 543-8801 or check out this website: http://www.cfr.washington.edu/class_pages/uhf/uhf411

This Fall we had 3 students and 1 intern assist with the Saplings School Programs once a week while also working on independent projects:

Kelly Kirkland is a biology major, and helped to create a "New Fall Seasonal" Explorer Pack theme that will be ready for check out in 2001.

Jennifer Bild and Jeannine Shaw are Carlson Center Students. They each developed pre and post material for a Saplings School Program.

Bethany Sullivan, a Sapling's Intern, developed a Native Plant and Plant Disease theme for the Education Department's wheeled Discovery Cart.

Training Course for Volunteer Guides: The Seattle Japanese Garden is looking for new volunteer guides for the upcoming season. Training Classes are Tuesdays, March 6, 13, 20 from 10a.m. to 1p.m. in the Japanese Garden, and at the Graham Visitors Center at the Washington Park Arboretum. A $15 fee for the course includes the training manual. The Japanese Garden is located on Lake Washington Blvd. in the Arboretum, two blocks north of Madison Street, and just north of the Madison Playfield. For more information call 425-776-9077 or 206-763-0283.

Mail payment and registration to:

Urban Horticulture Courses
University of Washington
Box 354115
Seattle, Washington 98195-4115

Or you may register in person at the Union Bay campus, 3501 NE 41st St., M-F, 8 a.m. to 5 p.m.

Please make checks payable to the University of Washington. No bank cards.

Registrations are filled in the order received. Enrollment is limited, classes fill rapidly so register early. A portion of fees may cover refreshments and speaker expenses.

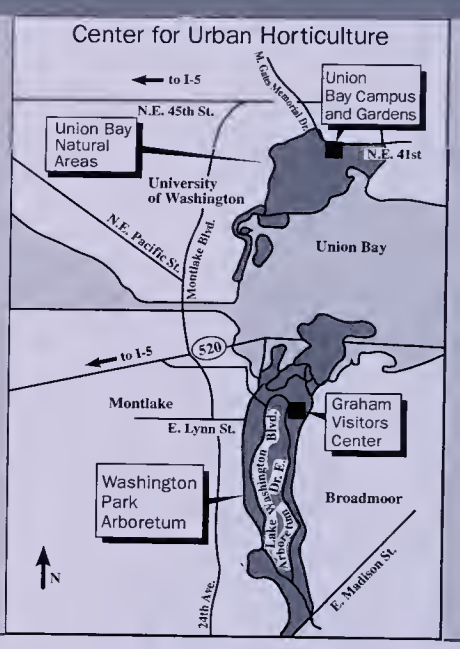
Refunds: Requests for refunds on events not attended must be made in advance in writing, by phone or fax, or in person. Requests received fewer than 7 days from the first class meeting have a $5 handling fee deducted. No refunds can be made after the first class meeting.

If a program is cancelled for any reason a full refund will be made to all enrollees. Refunds may require four weeks for processing.

Returned Checks: An $18.00 service fee will be charged for returned checks.

Special Needs: To request disability accommodation, please contact the Office of the ADA Coordinator at least ten days in advance of an event: (206) 543–6450 (voice); (206) 543–6452 (TDD); or by e-mail at access@u.washington.edu.

Class Locations and Parking: Program locations are listed with each program description. The Graham Visitors Center at Washington Park Arboretum is located at 2300 Arboretum Drive East; free parking is located adjacent to the building. Douglas Classroom, NHS Hall and the other meeting facilities at Union Bay are located at 3501 NE 41st Street; prepaid parking is located adjacent to the buildings.



(cut here)

registration form

program	fee	af members	# spaces	total fee
Gardening & Horticulture Programs at CUH				
Botanical Illustration Series	$160			
Birding at the Union Bay Natural Area	$10			
Fruit Tree Pruning	$28	$26		
Feng Shui for the Garden	$20	$18		
WSU Practical Gardening Lectures: The Edible Landscape	$5			
WSU Practical Gardening Lectures: Manage Your Soil for Maximum Fertility	$5			
Prop Shop				
Vegetables From Seeds	$18	$16		
Arboretum Explorations				
Pruning Ornamental Shrubs and Trees	$27	$25		

program	fee	af members	# spaces	total fee
Arboretum Plant Study Program				
Section A (January 20)	$22	$20		
Section B (February 17)	$22	$20		
Section C (March 24)	$22	$20		

Mail registration forms to:
CUH Courses
Box 354115
Seattle, WA 98195-4115
For more information, call (206) 685-8033

Check enclosed for: _____
(Please make check payable to University of Washington)

Name _____

Address _____

City **State** **Zip**

Phone – (day) (evening) **Fax**

e-mail _____

University of Washington
College of Forest Resources
Center for Urban Horticulture
Box 354115
Seattle, WA 98195–4115

09-9615-122

Nonprofit org.
U.S. Postage
PAID
Seattle, Wash.
Permit No. 62

Winter 2001

DEC 0 4 2000
University of Washington
CENTER FOR URBAN HORTICULTURE
ELISABETH C. MILLER LIBRARY
BOX 354115
Seattle, Washington 98195-4115
(206) 543-8616

news from cuh & wpa

New staff Positions:

New Gardener at WPA. Rebecca G. Work joined the Arboretum horticulture maintenance staff in the Gardener I position on October 6. Rebecca comes to the Arboretum with experience in landscape gardening, nursery, and garden center work. She has a great enthusiasm for gardening, and we are glad to have her on our maintenance team.

New Library Staff Position. The Miller Charitable Foundation has made it possible for the library to add a new Library Technician II position to our staff and we're very pleased to announce that Tracy Wilson has been hired for this spot. She may already be familiar to many of you as she has volunteered and worked as an hourly employee at the library for the past year. Tracy brings a strong background in horticulture, with particular interests in permaculture and the organic gardening movement. This summer she began the graduate program in the School of Library and Information Science. If you haven't had a chance to meet Tracy yet, do introduce yourself on your next visit to the Miller Library.

Research Page:

Linda Chalker-Scott, Associate Professor in the Environmental Horticulture and Urban Forestry program, has developed a Sustainable Community Landscapes Consortium (SCL). The primary goals of the SCL Consortium is to increase the percentage of sustainable landscapes in the Puget Sound region, to increase public awareness of sustainable management practices, and to reduce the occurrence of harmful management practices in terms of plant health care and watershed viability. With the Fall 2000 symposium, the Consortium laid the groundwork for future tasks, activities and outcomes, including identifying potential additional partners in K- 12 education, neighborhood groups, and garden clubs.

Graduates in Urban Horticulture:

The Rare Care Program's Rare Plant Monitoring Project kicked off this fall with the presentation by Laura Zybas of the Project Quality Assurance Plan and Procedures protocol (QAPP). Laura developed the QAPP as part of her Master's program at the Center for Urban Horticulture.

Chrissy Scannell presented the results of her study into the biology of the elm leaf miner, an important insect pest on elms in the urban environment. As part of her study, she developed a method of monitoring the seasonal life cycle of this insect using daily temperatures. With this information, landscape plant managers can now create an integrated plan for control.

Pinetum Improvements at WPA:

The Arboretum is very pleased to continue the final phases of improvements to the Pinetum collection, which is located in the northwest corner of the Arboretum. This has been made possible with funds raised in the Arboretum Foundation's Annual Appeal last fall. Originally planted in the early 1940's, the Pinetum is an invaluable horticultural resource and contemplative retreat. But the effects of age, storms, and over-crowded planting have taken their toll. Work began a few years ago, with the removal of storm-damaged pines, as well as some pine trees of poor quality. Twenty young pines have been planted since then, and are growing beautifully. This fall, staff worked on pruning and removal of 26 trees of poor condition, grinding stumps, controlling brush, and preparing soil for planting. Most of the older pines have been retained. In November, 22 new pines were planted in the area. The new plantings bring a diversity of accurately identified trees and new vitality to the collection. Companion plantings of ferns and low Oregon grape, vine maples and stripebark maples were preserved and enhanced. The result is a rejuvenated Pinetum, keeping the concentration of pines at its central rise, with other conifer species at its edges, retaining the park-like atmosphere. Neighborhood response has been very positive.

Miller Library Catalog Available On-Line!:

One of the most exciting events in the history of the Miller Library took place in mid-September with the launching of our on-line catalog. Now anyone who has access to the Internet can find out what books the library has on any variety of subjects – all from the convenience of home or office. Of course, you can also use the catalog when visiting the Library on one of our two public computers. To connect, open the Library's web site at *http://depts.washington.edu/hortlib* and click on "Catalog of Books". The Miller Library worked with the University of Washington Libraries system to add our holdings to their large and powerful catalog, but with our own separate index. This means if you connect from our web site, you will be searching just the Miller holdings, but you have the option of clicking the "All UW" button to search all UW libraries at the same time – including ours. Having the catalog in this format has been of great benefit to the library staff and volunteers as well, and we are very grateful for the generous support of the Miller Charitable Foundation and the UW Libraries administration and staff in bringing this long desired goal to completion.

Library Subscriptions:

The Elisabeth C. Miller Library maintains nearly 300 subscriptions of horticultural serials. A sample includes Small Honesties, the newsletter for the North American Cottage Garden Society; Journal of Arboriculture, published by the International Society of Arboriculture; and New Eden, one of eight glossy magazines from Great Britain. Be sure to spend a rainy Saturday (open 9a.m. to 3p.m.) catching up on all the latest trends in the exciting world of horticulture!